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	DECLARATION and POWER OF			99-88R1	ind civio control number.
FOR UTILITY O	First Named In	ventor	Srinivasan, 1	Ravi et al	
PATENT APPLI				TE IF KNOW	
		Application No.		801,430	
☐ Declaration	Declaration	Filing Date		rch 7, 2001	
Submitted with OR	Submitted after	Group Art Unit		Be Assigned	
initial filing	initial filing	Examiner Name		Be Assigned	
	J		·· <del>····</del>		
As a below named inventor, I hereby declare that:  My residence, post office address, and citizenship are as stated below next to my name.					
I believe I am the original, first and sole inventor (only if one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:  Parallel Gas Chromatograph With Microdetector Array					
	(Titl	e of the Invention,	)		_
the specification of which					
is attached hereto OR was filed on March 7, 2001 as United States Application Number or PCT International Application Number: 09/801,430 and was amended on (if applicable).					
I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.  I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.56.					
I hereby claim foreign priority benefits under Title 35, United States Code §119 (a)-(d) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.					
Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YY)	Priority Not Clain	Certification Certification	ied Copy Attached NO
·					· []
Additional foreign application num		<del>.</del>			
I hereby claim the benefit under Title 3:	5, United States Code §119(e)	) of any United States pr	rovisional applic	ation(s) listed below.	
Application Number (s)					onal application
60/222,540	08/02/2000		pri	nbers are listed ority data sheet? ached hereto.	on a supplemental PTO/SB/02B
			all	a noroto.	

Please type a plus sign in this box: + PTO/SB/01 (3-97)

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designating the United States of prior United States or PCT Into the duty to disclose information	I hereby claim the benefit under Title 35, United States Code §120 of any United States application(s) of any PCT International application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the matter provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of the application.									
U.S Parent Applica	tion	PCT	Parent		Pa	Parent Filing Date			arent Pate	nt Number
Number		Nu	mber		(1)	MM/DD/Y	YYY)		(if appl	icable)
Additional U.S. or PCT										
As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and										
Trademark Office connected therewith:   Customer Number 22905  OR										
	С		d practitione	r(s) na	ame/reg	gistration numbe	r listed below	w		
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Name Name			mber	+		Name		-	Nur	nber
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raul A. Stone		38,628	<b>S</b>	1						
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Additional registered practit	ioner(s) nam	ed on supp	lemental Reg	istere	d Pract	itioner Informati	on sheet PT	O/SB/0	2C attached her	eto.
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I hereby declare that all statem be true; and further that these s imprisonment, or both, under S the application or any patent is	tatements we section 1001	ere made wi of Title 18	th the knowl	edge 1	hat wil	llful false statem	ents and the	like so	made are punish	hable by fine or
Name of Sole or Fir	st Inven	tor	□ A j	etit	etition has been filed for this unsigned inventor					entor
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	Ravi				Srinivasan					
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Additional inventors are	being nam	ed on the	supplem	ental	additi	ional inventor(	s) sheet(s)	PTO/S	B/02A attache	d hereto.

Name of Inventor	A D 2504 Y 2 8	A	etition l	nas been fil	ed for th	is unsigned inv	entor
	rst and middle [i	f any])		Family Name or Surname			
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Residence: City	Kensington Alameda	State	CA	Country	US	Citizenship	USA
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N	Michael				M	yslovaty	
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Residence: City	San Jose	State	CA	Country	US	Citizenship	USA
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Name of Inventor		A	etition	ion has been filed for this unsigned inventor				
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N	Michael			Spitkovsy				
Inventor's						Dated		
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N	Mikhail			Spitkovsy				
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Signature								·
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Inventor's	1/1/	>/				Dat		
Signature	1			>			5-7-7	1002
Residence: City	San Francisco	State	<u>CA</u>	Country	US	Citi	zenship	USA
Post Office	3100 Central E	xpresswa	ıy				•	•
Address								
City	Santa Clara	State	CA	Zip	95051		Country	US

Symyx Technologies SEPTEMBER 24, 2001 Department

**PTAS** 

PAUL A. STONE SYMYX TECHNOLOGIES, INC. LEGAL DEPARTMENT 3100 CENTRAL EXPRESSWAY SANTA CLARA, CA 95051

## UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231



\*101783974A\*

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THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/16/2001

REEL/FRAME: 011985/0210

NUMBER OF PAGES: 6

BRIEF: ASSIGNMENT OF ASSIGNOR''S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

SRINIVASAN, RAVI

DOC DATE: 07/03/2001

ASSIGNOR:

PINKAS, DANIEL M.

DOC DATE: 05/07/2001

ASSIGNOR:

GUAN, SHENHENG

DOC DATE: 05/09/2001

ASSIGNOR:

BERGH H. SAM

DOC DATE: 05/07/2001

**ASSIGNOR:** 

MYSLOVATY, MICHAEL

DOC DATE: 05/07/2001

ASSIGNOR:

SPITKOVSKY, MIKHAIL

DOC DATE: 05/07/2001

ASSIGNOR:

ENGSTROM, JAMES R.

DOC DATE: 05/07/2001

## 011985/0210 PAGE 2

ASSIGNEE:

SYMYX TECHNOLOGIES, INC. LEGAL DEPARTMENT 3100 CENTRAL EXPRESSWAY SANTA CLARA, CALIFORNIA 95051

SERIAL NUMBER: 09801430

PATENT NUMBER:

FILING DATE: 03/07/2001

ISSUE DATE:

STEVEN POST, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

07-20-2001

Form PTO-1595 (Rev. 6-93) OMB No. 0651-0011 (exp. 4/94)	US DEPARTMENT OF COMMERCE T Patent and Trademark Office
To the Honorable Assistant Commissioner of Patents and Trader	974
To the Honorable Assistant Commissioner of Patents and Trager Please record the attached original documents or copy thereof.	nārks.
Name of conveying party(ies)	Name and address of receiving party(ies)
Srinivasan, Ravi Myslovaty, Michael Pinkas, Daniel M. Spitkovsky, Mikhail Guan, Shenheng Engstrom, James R. Bergh, H. Sam	Name: Symyx Technologies, Inc. Legal Department 3100 Central Expressway Santa Clara, CA 95051
Additional name(s) of conveying Yes No party(ies) attached?	Additional name(s) & address(es) attached?  Yes No
3. Nature of Conveyance:	
	Merger
Other	☐ Change of Name JUL 1 6 2001
Execution Dates: May 7, 9, and July 3, 2001	
Application number(s) or patent number(s): If this document is being filed together with a new application, the	execution date of the application is:
A. Patent Application No.(s)09/801,430	B. Patent No.(s)
Filed: March 7, 2001	- the trapped
	ached? Yes No 100 7.16.01
5. Name and address of party to whom correspondence	Total number of applications and patents involved:
concerning document should be mailed:	1 .
Attorney's Name: Paul A. Stone	7. Total fee (37 CFR 3.41):\$ 40.00
Attorney's Name: Paul A. Stone  Name: Symyx Technologies, Inc.	
Attorney's Name: Paul A. Stone  Name: Symyx Technologies, Inc. Legal Department 3100 Central Expressway	7. Total fee (37 CFR 3.41):\$ 40.00
Attorney's Name: Paul A. Stone  Name: Symyx Technologies, Inc. Legal Department	7. Total fee (37 CFR 3.41):\$ 40.00
Attorney's Name: Paul A. Stone  Name: Symyx Technologies, Inc. Legal Department 3100 Central Expressway	7. Total fee (37 CFR 3.41):\$ 40.00  □ Enclosed  ⊠ Authorized to be charged to deposit account
Attorney's Name: Paul A. Stone  Name: Symyx Technologies, Inc. Legal Department 3100 Central Expressway	7. Total fee (37 CFR 3.41):\$ 40.00
Attorney's Name: Paul A. Stone  Name: Symyx Technologies, Inc. Legal Department 3100 Central Expressway	7. Total fee (37 CFR 3.41):\$ 40.00  □ Enclosed  □ Authorized to be charged to deposit account  8. Deposit account number: 50-0496 (Attached duplicate copy of this page if paying by deposit
Attorney's Name: Paul A. Stone  Name: Symyx Technologies, Inc. Legal Department 3100 Central Expressway Santa Clara, CA 95051  9. Statement and signature:  To the best of my knowledge and belief, the foregoing informathe original document.	7. Total fee (37 CFR 3.41):\$ 40.00  Enclosed  Authorized to be charged to deposit account  8. Deposit account number: 50-0496 (Attached duplicate copy of this page if paying by deposit account)  tion is true and correct and any attached copy is a true copy of
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Attorney's Name: Paul A. Stone  Name: Symyx Technologies, Inc. Legal Department 3100 Central Expressway Santa Clara, CA 95051  9. Statement and signature:  To the best of my knowledge and belief, the foregoing informathe original document.  Paul A. Stone Reg. No. 38,628	7. Total fee (37 CFR 3.41):\$ 40.00  Enclosed  Authorized to be charged to deposit account  8. Deposit account number: 50-0496 (Attached duplicate copy of this page if paying by deposit account)  tion is true and correct and any attached copy is a true copy of  Signature  Date
Attorney's Name: Paul A. Stone  Name: Symyx Technologies, Inc. Legal Department 3100 Central Expressway Santa Clara, CA 95051  9. Statement and signature:  To the best of my knowledge and belief, the foregoing informathe original document.  Paul A. Stone Reg. No. 38,628 (Name of Person Signing)  Total number of pages being submitted, including cover	7. Total fee (37 CFR 3.41):
Attorney's Name: Paul A. Stone  Name: Symyx Technologies, Inc. Legal Department 3100 Central Expressway Santa Clara, CA 95051  9. Statement and signature:  To the best of my knowledge and belief, the foregoing informathe original document.  Paul A. Stone Reg. No. 38,628 (Name of Person Signing)	7. Total fee (37 CFR 3.41):

07/19/2001 AAHHED1 00000069 500496 09801430

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Attorney Docket No.: 99-88R1

## ASSIGNMENT OF PATENT APPLICATION

**JOINT** 

WHEREAS, Ravi Srinivasan, Daniel Meron Pinkas, Shenheng Guan, Michael Myslovaty, Mikhail Spitkovsy, James R. Engstrom, H. Sam Bergh, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below identified application for United States Letter Patent:

Filing Date: 02/07/2001	Application No.	00/901 420	

Title of Invention: Parallel Gas Chromatograph With Microdetector Array

WHEREAS, Symyx Technologies, Inc., a Delaware corporation, located at 3100 Central Expressway, Santa Clara, California 95051, hereinafter referred to as "Assignee," is desirous of acquiring an interest in the invention and application and in any Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application, and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention or otherwise. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Date: 72/1	- Anglinerson
,	Ravi Srinivasan
STATE OF CALIFORNIA	
COUNTY OF SANTA CICKA	
on 730, before me, Rensappeared RAVI Srinivasau	Notary Public, personally personally known to me (or proved to me on the
basis of satisfactory evidence) to be the person(s) who	ose name(s) is/are subscribed to the within instrument
and acknowledged to me that he/she/they executed the	e same in his/her/their authorized capacity(ies), and
that by his/her/their signature(s) on the instrument the	e person(s), or the entity upon behalf of which the
witness my hand and official seal Signature	RENEE LAMANTIA  / Sission # 1252598  Signal Clara County  My Comm. Expires Feb 15, 2004  (Seat)
Date: 5/7/0/ STATE OF California COUNTY OF Santa Class	Daniel Meron Pinkas
On 5/7/01, before me, Rence appeared Daniel M. Pinkas	, Notary Public, personally, personally known to me (or proved to me on the
basis of satisfactory evidence) to be the person(s) who	ose name(s) is/are subscribed to the within instrument
and acknowledged to me that he/she/they executed the	e same in his/her/their authorized capacity(ies), and
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person(s) acted, executed the instrument.  WITNESS my hand and official seal  Signature Rome Rome	RENEE LAMANTIA Commission # 1252289 Notary Public - College Sortia Clara County My Comm. Bipires Feb 18. 2006 (Seal)

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Docket No.: 99.88R1 Page 4 of 4

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(Seal)

Signature\_

Docket No.:99-88R1 Page 4 of 5

Date:	
	James R. Engstrom
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basis of satisfactory evidence) to be the person(s) who	se name(s) is/are subscribed to the within instrument
and acknowledged to me that he/she/they executed the	e same in his/her/their authorized capacity(ies), and
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person(s) acted, executed the instrument.	
WITNESS my hand and official seal	
Signature	(Seal)
Date: 5-7-2001	H. am Bergh
STATE OF California COUNTY OF SANTA Cloud	
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basis of satisfactory evidence) to be the person(s) who	se name(s) is/are subscribed to the within instrument
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that by his/her/their signature(s) on the instrument the	person(s), or the entity upon behalf of which the
person(s) acted, executed the instrument.	
WITNESS my hand and official seal  Signature Rome Communication	RENEE LAMANTIA Commission # 1252576 Notary Public - California Santa Clara County My Comm. Expires Feb 15, 2004

Date: 05/07/0/	MSpithousky
	Mikhail Spitkovsky
STATE OF CUMPONIA COUNTY OF SCUNTA CLAVA	
on 5/7/61, before me, Rever appeared Mikhail Spitkowsky	, Notary Public, personally, personally known to me (or proved to me on the
basis of satisfactory evidence) to be the person(s) who	
and acknowledged to me that he/she/they executed the	same in his/her/their authorized capacity(ies), and
that by his/her/their signature(s) on the instrument the	person(s), or the entity upon behalf of which the
person(s) acted, executed the instrument.	
WITNESS my hand and official seal	RENEE LAMANTIA Commission # 1252699 Notary Public - Collores



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ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231



\*101783974B\*

AUTHORIZATION TO CHARGE ADDITIONAL FEES TO DEPOSIT ACCOUNT

SEPTEMBER 24, 2001

TO:

OFFICE OF FINANCE

FROM:

ASSIGNMENT DIVISION

OFFICE OF PUBLIC RECORDS

SUBJECT:

DEPOSIT ACCOUNT CHARGE(S)

CHARGE THE DEPOSIT ACCOUNT LISTED BELOW ADDITIONAL FEE(S) AS INDICATED BELOW. AUTHORIZATION TO CHARGE ADDITIONAL FEES HAS BEEN PROVIDED PER THE ATTACHED COVER SHEET, OR BY DIRECT CONTACT WITH THE CUSTOMER.

DEPOSIT ACCOUNT NUMBER: 500496 PROPERTY NUMBER: 09801430

RECORDING FEES:

FEE CODE: 581

AMOUNT:

IF YOU HAVE ANY QUESTIONS REGARDING THIS NOTICE, YOU MAY CONTACT THE INDIVIDUAL WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723.

581

STEVEN POST, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

TRADEMARK SERVICE FEES:	FUE	CODE:
RECORDING FIRST MARK	481	
RECORDATION SECOND AND	482	
SUBSEQUENT MARK IN SAME DOCUMENT	404	
LABOR CHARGES FOR SERVICES PER HOURS	484	
OR FRACTION THEREOF UNSPECIFIED OTHER SERVICES	485	
ONSIECTITED OTHER DERVICES	100	

PATENT SERVICE FEES:

RECORDING EACH PATENT ASSIGNMENT, AGREEMENT, OTHER PAPER, PER PROPERTY LABOR CHARGES FOR SERVICES PER HOUR (\$30) OR FRACTION THEREOF UNSPECIFIED OTHER SERVICES 585